In the Claims:

1-15 (Cancelled)

16. (Currently Amended) A metal structure ~~for forming an acid-containing part into a desired shape, the metal structure~~ comprising a steel surface having deposited thereon an adhesive mixture of an acid-impervious polymer particulate and a high curing temperature powder adhesive to adhere the particulate to the steel surface, the adhesive having a curing temperature below an ~~lower than a maximum~~ acid-impervious temperature level of the particulate, the adhesive mixture being operative to form an acid-impervious barrier at temperatures above 500°F.~~to mitigate the acid of the part from penetrating therethrough.~~

17. (Previously added) A metal structure as claimed in Claim 16 wherein the polymer particulate is a polyamide particulate.

18. (Previously added) A metal structure as claimed in Claim 17 wherein the polyamide particulate is acid impervious up to about 700°F.

19. (Previously added) A metal structure as claimed in Claim 18 wherein the powder adhesive is heat curable at a temperature below about 650°F.

20. (Currently Amended) A metal curing fixture ~~for forming an acid-containing part into a desired shape, the metal curing fixture~~ comprising a steel surface having deposited thereon an adhesive mixture of an acid-impervious polymer particulate and a high curing temperature powder adhesive to adhere the particulate to the steel surface, the adhesive having a curing temperature below an ~~lower than a maximum~~ acid-impervious temperature level of the particulate, the adhesive mixture being operative to

form an acid-impervious barrier at temperatures above 500°F. ~~to mitigate the acid of the part from penetrating therethrough.~~

21. (Previously added) A metal curing fixture as claimed in Claim 20 wherein the polymer particulate is a polyamide particulate.

22. (Previously added) A metal curing fixture as claimed in Claim 21 wherein the polyamide particulate is acid impervious up to about 700°F.

23. (Previously added) A metal curing fixture as claimed in Claim 22 wherein the powder adhesive is heat curable at a temperature below about 650°F.

24. (Previously added) The metal structure as claimed in Claim 16 wherein the acid-impervious polymer particulate has a total surface area of 0.008 square inches for evenly dispersing the acid-impervious polymer particulate throughout the mixture when the mixture is being cured.

25. (Previously added) The metal curing fixture as claimed in Claim 20 wherein the acid-impervious polymer particulate has a total surface area of 0.008 square inches for evenly dispersing the acid-impervious polymer particulate throughout the mixture when the mixture is being cured.

26. (Currently Amended) A metal structure ~~for forming an acid-containing part into a desired shape, the metal structure comprises~~ a steel surface having deposited thereon a mixture of an acid-impervious polymer particulate and an adhesive, the adhesive having a curing temperature below an ~~lower than a maximum~~ acid-impervious temperature level of the particulate.

27. (Previously added) The metal structure of Claim 26 wherein the adhesive has a high curing temperature.

28. (Previously added) The metal structure of Claim 27 wherein the adhesive is in powder form.

29. (Currently amended) The metal structure of Claim 28 wherein the adhesive mixture is operative to form an acid-impervious barrier at temperatures above 500°F to mitigate the acid of ~~the steel~~ a part from penetrating therethrough.

30. (Previously added) The metal structure of Claim 29 wherein the mixture adheres the particulate to the steel surface.

31. (Currently amended) The metal structure of Claim 26 wherein the curing temperature of the adhesive is greater than a leaching temperature of ~~the~~ an acid containing part to be formed on the metal structure.

32. (Currently amended) The metal structure of Claim 31 wherein the adhesive is in powder form.

33. (Currently amended) The metal structure of Claim 32 wherein the adhesive mixture is operative to form an acid-impervious barrier above a leaching temperature of the part to mitigate the acid of the ~~steel~~ part from penetrating therethrough.

34. (Previously added) The metal structure of Claim 33 wherein the polymer particulate is a polyamide particulate.

35. (Previously added) The metal structure of Claim 34 wherein the powder adhesive is heat curable at a temperature below about 650°F.

36. (Previously added) The metal structure of Claim 35 wherein the acid-impervious particulate has a total surface area of about 0.008 square inches for providing a smooth surface finish.

37. (New) The metal structure of Claim 16 wherein the adhesive has a curing temperature above about 500°F.

38. (New) The metal structure of Claim 20 wherein the adhesive has a curing temperature above about 500°F.